



Specification for Ammonium Phosphate, Monobasic, Crystalline, HPLC Grade (A1663)

Item Number	A1663
Item	Ammonium Phosphate, Monobasic, Crystalline, HPLC Grade
CAS Number	7722-76-1
Molecular Formula	$\text{NH}_4\text{H}_2\text{PO}_4$
Molecular Weight	115.03
MDL Number	
Synonyms	Ammonium Dihydrogen Phosphate ; Monoammonium Phosphate

Test	Specification	
	Min	Max
ASSAY	98 %	
pH OF A 5% SOLUTION @ 25°C	3.8 - 4.4	
ULTRAVIOLET ABSORBANCE	TO PASS TEST	
AMMONIUM HYDROXIDE Ppt.		0.005 %
ARSENIC (As)		0.5 ppm
CHLORIDE (Cl)		5 ppm
HEAVY METALS (as Pb)		5 ppm
INSOLUBLE MATTER		0.005 %
IRON (Fe)		0.001 %
NITRATE (NO_3)		0.001 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.005 %
SULFUR COMPOUNDS (as SO_4)		0.004 %
EXPIRATION DATE		

Spectrum Chemical Mfg Corp

<i>Corporate Headquarters:</i>	<i>West Coast Facility:</i>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000